

Calibration of EMC devices

EMC test equipment and why to calibrate?

Laboratories that provide testing of electromagnetic compatibility use numerous pieces of test equipment which are used to determine the conformity of the tested device according to EMC standards. To provide correct and accurate EMC testing, all EMC test equipment should be periodically calibrated. In this way, the risk of EMC non-compliant or even dangerous devices launched on the market is reduced. Additionally, periodical calibration of test equipment ensures quality services among EMC test laboratories and develops loyal competition.



Where to get EMC calibration services?

The SIQ calibration laboratory has observed rapid development in recent years in the field of calibration of EMC test equipment. Besides the development of calibration techniques, SIQ is also active in international research projects, where new and alternative EMC testing and calibration techniques are developed. In the last few years, many successful measurement solutions have been implemented in the calibration laboratory, providing constant growth of calibration services.

SIQ offers the following EMC calibration services:

- Artificial mains network (CISPR 16-1-2)
- Test generator for transients (IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-12, IEC 61000-4-18)
- ESD generators (IEC 61000-4-2)
- Coupling and decoupling networks (IEC 61000-4-6)
- Current probes (IEC 61000-4-6, CISPR 16-1-2)
- Low frequency electric and magnetic field meters (IEEE 1306)
- Measurement receivers (IEC CISPR 16-1-1)
- Absorbing clamps (CISPR 16-1-3)
- Asymmetrical artificial mains network (CISPR 16-1-2, CISPR 22)

Why SIQ?

- SIQ is a professional organization with over more than 50 years of proven performance and experience.
- Independence.
- Skilled personnel.
- State-of-the-art measuring equipment.
- Holders of several accreditations.

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